Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 08 Jul 2023 until 23:59 on Sunday 09 Jul 2023

Forecast Issued on Friday 07 Jul 2023 at 13:28

Confidence: High confidence in unsettled weather for upcoming days, but lower for details and timing of rain and showers.

Headline for Saturday 08 Jul 2023: A dry and sunny start, before cloud and frequent heavy rain and showers move in, with thunder at times.

Mountain weather hazards on Saturday 08 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Heavy Rain	Heavy Rain	Thunderstorm	Thunderstorm	Partly cloudy (night)
Precipitation probability							
00%	<05%	10%	60%	90%	90%	70%	20%

Forecast for Saturday 08 Jul 2023

Weather: Clear spells overnight give way to high cloud pushing in from the west through the early morning. A band of cloud and showery rain will move in during the morning, with occasional heavy and thundery downpours. Showers likely to stay over the region throughout the day, with heaviest showers through the afternoon and evening, before showers ease away to the east into the night. The odd sunny spells not out of the question going into the evening.

Chance of cloud-free hill tops above 600m: 90% at first, dropping to 80% during heavy afternoon showers.

Low cloud and visibility: High patchy cloud will give way to more overcast skies through the morning, but cloud should generally remain above the summits, perhaps just shrouding higher peaks in heavy showers through the afternoon. Visibility generally very good to start, but falling to poor for much of the day in persistent showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 08 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 SE	21/31 SE	21/32 SE	14/21 S	17/25 S	13/18 S	11/16 SW	6/8 NW	6/9 NW
300	18/30 SE	16/29 SE	16/28 SE	13/20 SE	11/19 S	11/17 S	8/15 SW	3/6 W	4/6 SW
Valley	9/25 SE	12/28 E	10/25 SE	9/19 SE	8/18 S	8/15 S	5/10 SW	4/9 W	2/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/12	18/13	19/14	19/16	17/15	17/15	16/15	14/14	13/12
300	19/15	19/15	20/16	21/18	19/18	20/18	18/18	16/17	15/14
Valley	18/16	18/16	20/18	22/21	20/20	21/20	19/19	17/17	15/16
Freezing Level*	2900m	2900m	3100m	3300m	3300m	3100m	3100m	2700m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Blustery early on with strong winds likely over higher peaks first thing. Gusty conditions also likely through the day in or close to heavy showers. Heavy downpours may also make for treacherous walking conditions. Moderate UV levels are forecast so carrying sun protection recommended for any sunny spells.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 07 Jul 2023	0mm	0.2mm	15.8mm

Forecast for Sunday 09 Jul 2023

Weather: Dry through the morning with sunny spells at times. Occasional showers possible through the afternoon, pushing northeastwards, with the odd heavy and thundery burst possible, and likely continuing into the evening.

Maximum wind: Southwesterly 10 mph, perhaps gusting up to 15-20 mph.

Chance of cloud-free hill tops above 600m: 70% in west first thing, rising to 90%. 90% elsewhere.

Low cloud and visibility: Some low cloud possible across western slopes at first, but quickly clearing. Cloud then comfortably above summits through the day. Visibility generally very good, dropping to poor in showers.

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 20 Celsius.
At 600m: Plus 12 Celsius, rising to Plus 16 Celsius.
Freezing level: Above summits.

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